



Wisconsin Aviation Bulletin

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Aviation Art Contest

The Wisconsin Department of Transportation, Bureau of Aeronautics sponsors the Wisconsin competitors for the annual *International Aviation Art Contest*. This year's theme is "Flying Saves Lives." Today, helicopters fly rural accident victims to hospitals, pilots use aircraft to fight large fires and help to find and rescue lost people.

Students between six and 17 years are invited to submit their artwork before January 10, 2004. First place winners in each age category will have a choice of an airplane ride or art supplies. Winning entries will also be entered in the national contest. This contest is intended to motivate and encourage young artists to participate in and become more familiar with aviation, science, and engineering. Call the bureau at (608) 266-3351 for contest entry forms. Visit <http://www.dot.wisconsin.gov/travel/air/art.htm> to view the art from past winners.



(l-r) Nancy Nistler, Ignacio Flores, Woodie Woodward, Joseph Brauer, Sherri Baker, Jeri Alles

Fifty flags to Kitty Hawk

As part of the celebration of the 100th anniversary of powered flight, Milwaukee-based pilot Eric Oxendorf was chosen to represent the state of Wisconsin in the "50 Flags To Kitty Hawk" program, sponsored by EAA and the National Park Service. One pilot from each state was selected to fly their state's flag to Kitty Hawk where the flag was raised and flown at the Wright Brothers National Memorial.



Oxendorf began his flight at Milwaukee's Timmerman Field, site of EAA's first Fly-In, in a Cessna 206 Stationaire. From Timmerman he went to Madison to pick up the flag and a Governor's proclamation from Keith Gerard, Deputy Director of the Bureau of Aeronautics. After departing Madison Eric flew over Wittman Field in Oshkosh, then headed southeast to Dayton, Ohio where he soared over Huffman Prairie, the site of many of the Wright Brothers test flights, then on to Kitty Hawk.

Airport Name Changes

Several airports have changed their names, but not their identities. Morey Field (C29) is now called Middleton Municipal – Morey Field. J. Douglas Bake Memorial (OCQ) is the new name for the Oconto Municipal Airport. And finally, Rock County Airport (JVL) has changed its name to Southern Wisconsin Regional Airport.

Rhineland/Oneida County Airport recognized

At the Great Lakes Region Annual Airports Conference held on November 13th the Federal Aviation Administration (FAA) presented Joe Brauer, manager, Rhineland/Oneida County Airport with the 2003 Airport Safety Excellence Award. The award was established in 2001 recognizing Part 139 certificated airports and individuals for specific activities, unique accomplishments, and noteworthy contributions that have resulted in enhanced airport safety.

The airport has completed several important safety initiatives including removing an abandoned runway to eliminate complex pavement geometry, providing a full runway safety area for Runway 9/27 and installing dual taxiway/runway holding position signs. Also, the airport has promoted safety by extending the height of perimeter fencing to nearly 12 feet, to help keep wildlife and unauthorized persons away from the airfield.

Airport Spotlight

Eagle River Union Airport



The Eagle River Union Airport is located just outside the City of Eagle River, Wisconsin, in Vilas County (north central Wisconsin). Twenty miles from the Upper Peninsula of Michigan, the airport is approximately 230 miles north of Madison, and 240 miles northwest of Milwaukee, providing convenient access to US 45 and WIS 70.

In the 1920's and 1930's, Eagle River was surrounded by small airports which included Keystone Park and Otter Rapids fields. The airfield's main purpose was to serve the needs of the tourist industry. The Eagle River Airport was initially a private airstrip located on the Edward and Lillian Brunswick farm. It received a first class airport municipal rating in 1929. A new landing field was constructed in 1936 and has served the tourist industry ever since.

Eagle River Union Airport is administered by a six person airport commission representing the three owners: Town of Lincoln, Town of Washington and City of Eagle River. The airport is open to the public and is classified as a Transport Corporate airport in the *Wisconsin State Airport System Plan, 2020*.

A recent economic impact study (2001) completed for the Eagle River Union Airport indicated that the airport provides approximately \$8.4 million in economic output, supports 122 jobs and contributes over \$2.1 million dollars in personal income to the Vilas County economy.

Profile

Area Population

City of Eagle River - 1,442
County of Vilas - 21,121
Vilas County employment - 10,800
Per capita personal income - \$24,383

Major Employers

Oneida Casino
Northland Pine Schools
County of Vilas
Bonsons Foods
Nagel Lumber
Lac Du Flambeau Public School
Howard Young Medical Group
Pukall Lumber
Great Lakes Inter-Tribal Council

Airport Stats

4,996' x 75' primary paved runway with MIRL's and PAPI
2,170' x 140' secondary grass runway - open from April to November
FBO - Eagle Fuel Cells (715) 479-6149
FBO - Noble Aviation (715) 477-0719
FBO - Trans North Aviation (715) 479-6777
FBO - Williams Aviation (715) 479-7335

AviationSentry update

The AviationSentry is now at 93 public airports in Wisconsin. The new weather system has received wide acceptance across the state by pilots who appreciate the quality of the graphics and currency of data.

An update to the system is planned for early in 2004. One of the new features will be the addition of flight planning information, which will be added to the Enroute section. Titled "Route Brief," this tool will allow you to fill in departure and destination airports, true airspeed and fuel burn for you to derive a zero-wind estimate of flight time. Many users have asked for this feature that will give them course and distance for their proposed route of flight. In addition, you can select the interval along the course for weather reports. This is beneficial for longer trips where you don't need all of the reports along your route. Another improvement is the addition of a "My Favorites" tab. In this area, users can add short cuts to charts they frequently access.

We have received many requests from users who would like to replace a copy of the users manual or to view it at home. It's available at our Web page at: <http://www.dot.wisconsin.gov/travel/air/docs/mx-vision-manual.pdf>
As a reminder, Wisconsin pilots can receive weather information at home through Flightbrief.com by registering at: <https://subscribe.flightbrief.com/wisdtd.cfm>. It is very important that you enter your e-mail address correctly in order to receive your password.



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Construction summary for the end of 2003

Alexander Field-South Wood County Airport - Relocate Range Line Road to provide adequate area for the Runway 11 Safety Area. Deer Resistant Perimeter Fence consisting of 8' woven wire with three barbs on the top was installed.

Austin Straubel International Airport - Construct general aviation apron on east side (jet air facility) and reconstruct Twy 'E'; expansion of one of the FBO facilities on the airport.

A perimeter road of a total length of 2.1 miles was constructed around Runway 6/24 on the east side of the airport from the north terminal area to the southeast general aviation hangar area.

8' chain link perimeter fencing with barbs was installed on the east side of the airport. A storm water drainage system was updated to include a drainage pipe to drain the northeast side of the terminal area. A section of old pipe linking the terminal apron with the glycol handling facility was replaced. The security access system for the terminal building and the airport access gates were replaced.

Burlington Municipal Airport - Completed in August the construction of various hangar taxiways and an access road to get to the new hangar sites at the airport.

Chippewa Valley Regional Airport - Constructed 800' on north end of runway to correct for defective RSA on the south end. The project has been completed except for re-commissioning the glideslope and MALSR. Loc straight in approach is

being used for Rwy 22. Expect completion of installation this fall, with re-instatement of ILS in Feb.

Dane County Regional Airport - Completed the paving of the east GA apron and the reconstruction and realignment of the airport terminal entrance road; completed the second and began the third phase of a four phase terminal expansion and renovation project.

Dodge County Airport - Constructed hangar taxiways and NDB relocation.

John H. Batten Airport - Near completion of airport electrical work that included new vault building, pavement marking replacement; sign replacement, obstruction removal, terminal building modifications and taxiway lights

La Crosse Municipal Airport - Reconstructed the eastern portion of their general aviation apron and the southeastern half of Taxiway B which is parallel to Runway 13/31. Also replaced various electrical circuits, counterpoise, lights, and signs around the airport and completed the construction of a new electrical vault building.

Langlade County Airport - Reconstruct the south 1,300 ft of runway 16/34 and extend 200'; install REILS and a 15kW regulator; the south end of the runway was raised 3' to improve line-of-sight between the runway ends. The existing bituminous pavement was recycled into base material and overlaid with 4" of bituminous surface material. Runway end identification lights (REILS) and a new constant current regulator were installed.

Fly-in list being compiled

The 2004 Wisconsin Fly-In & Events Listing is being compiled and will be available in Spring 2004. There will be a one-time mailing to all public-use airports, FBO's, EAA chapters, and flying clubs. The list will be available on the bureau's Web page and all updates after the mailing will be made there. To have your event added to the list, please contact Judy Egnor at (608) 266-8667 or judith.egnor@dot.state.wi.us

Airport development handbook being printed

An update to the Airport Development Handbook is being printed. There will be a one time mailing to airport managers, commission chairs and consultants in January 2004. To request multiple copies please call (608) 266-3351.

Merrill Municipal Airport - Extended Rwy 7/25 to 5,100' and relocated the connecting taxiway.

Middleton Municipal-Morey Airport - Completed grading for runway, taxiways and apron; some base course has been placed on the surfaces. The first lift of asphalt has been placed on the apron and aircraft have been able to use it. Construction to be completed by July.



Construction Summary for the end of 2003 cont.

Monroe Municipal - Construct 200' Rwy. 30 extension to 5000'; remark paved overrun; relocate lighting; terminal area fencing.

Outagamie County Regional Airport - Constructed new run-up pad and GA hangar area; paved grass island with concrete making an integrated apron on the air carrier apron.

Prairie du Chien Airport - Reconstructed hangar area taxiways and apron; construct hangar taxiway

Reedsburg Municipal Airport - Completed installation of deer fence and obstruction removal.

Rhinelanders - Started expanding deer fence from 8' to 10', all new gates and fence in the terminal area.

Southern Wisconsin Regional Airport - Face lift on all three runways in the year of 2003. The reconstruction and extension of runway 14/32 in concrete to 7,300' including the installation of a new Instrument Landing System to Rwy

32 was completed and opened to traffic in time for the July 4th weekend. Runway 4/22 rehabilitation project which included crack repair work, the placement of a 1" lift of Strata material, and then a 2" lift of asphaltic surface was completed by mid-September in time for the airshow at the airport. Runway 18/36 was also sealcoated in September to protect the oxidizing pavement from further deterioration.

Tri-County Regional Airport - Extended Runway 9/27 1,000' to the east

Watertown Municipal Airport - Repaired runway dips, lighting problems, upgraded NDB

Waukesha County Airport/Crites Field - Completed construction of the tower base building and installed control tower equipment.

Waupaca Municipal Airport - Common excavation of 1,000,000 c.y. complete. Site has been in topsoil seeding phase for a few weeks. Some taxiway connections to the new runway were paved this fall; the remaining work will be complete next summer. This is a joint highway/airport project.

Calendar of Events

February 17, 2004, Madison
Airport Engineers Workshop

February 21, 2004, Oshkosh
2004 Wisconsin Aviation Maintenance and IA Renewal Seminar

March 20-21, 2004, Kenosha
Flight Instructor Refresher Course

May 10-12, 2004, La Crosse
Wisconsin Aviation Conference (Wisconsin Airport Management Association)

AWOS: Upgrades done at Clintonville, Dodge County, new installations at Tomahawk, Menomonie, Waupaca and Timmerman being started.

Rotating beacon program- Replace/Replacing rotating beacons at: Neillsville, Rice Lake, Viroqua, Tri-County, Wautoma, Land O'Lakes, Hartford, Cable, Cumberland

2003 Runway Marking Program- Tomah, Dodge Co, JFK, Lakeland, Manitowoc Co, New Holstein, Superior, Rice Lake, Shell lake, Taylor Co.

2003 State Sealcoat Project- Sealed this year – Burlington, Richland Center, Rock Co, and Dodge Co.



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